Remarks/Arguments:

Claim 1-6, 10, 11, 15, 16, 20 and 21 have been amended. No new matter is introduced herein. Claims 1-24 are pending.

Claims 1-4 have been amended to clarify that there is bi-directional communication between the immobilizer unit and the portable unit. In particular, claims 1-4 have been amended to clarify that the first and second data processors authenticate each other at least in part by: (1) the first data processor transmitting via the first antenna an encrypted data based in part on the first data for mutual authentication stored in the first storage and (2) the second data processor receiving via the second antenna and decrypting the encrypted data. Claims 1 and 3 have been further amended to clarify that the second data processor (of the portable unit) transmits data to the first data processor (of the immobilizer unit). Claims 2 and 4 have been amended to clarify that the second data (stored in the second storage of the immobilizer unit) for mutual authentication is received from the second data processor (of the portable unit). Basis for the amendments can be found, for example, at page 6, line 20-page 8, line 25 and Figs. 1-3 of the subject specification. Claims 5, 6, 10, 11, 15, 16, 20 and 21 have been amended to clarify the language. No new matter is introduced herein.

Claims 1-24 have been rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. In particular, it is asserted that the claim language is "illogically recited in the alternative and produce limitations inconsistent with the Applicant's disclosure and the claims themselves, thereby rendering the scope of the claims unclear." Claims 1-6, 10, 11, 15, 16, 20 and 21 have been amended to clarify the language. Accordingly, Applicant respectfully requests that the rejection of claims 1-24 under 35 U.S.C. § 112, second paragraph, be withdrawn.

Claims 1-24 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Tsuji et al. (U.S. 2004/0056776). It is respectfully submitted, however, that these claims are patentable over the cited art for the reasons set forth below.

Claim 1, as amended, includes features neither disclosed nor suggested by the cited art, namely:

> ... the first data processor and the second data processor
> authenticate each other at least in part by: (1) <u>the first data
> processor transmitting </u>via the first antenna an encrypted data
> based in part on the first data for mutual authentication stored
> in the first storage and (2) the <u>second data processor receiving</u>
> via the second antenna and decrypting the encrypted data ...
>
> <u>the second data processor</u> ... <u>transmits</u> the stored one of the
> first data for mutual authentication and the second data for
> mutual authentication via the second antenna ... (Emphasis
> Added)

Although not identical to claim 1, claim 3 includes a similar recitation.

Claim 2 includes similar features to claim 1, namely:

> ... a second storage connected with the first data processor, the
> second storage preliminarily storing one of the first data for
> mutual authentication and second data for mutual
> authentication different from the first data for mutual
> authentication, <u>the second data for mutual authentication
> received from the second data processor</u> ...
>
> ... the first data processor and the second data processor
> authenticate each other at least in part by: (1) <u>the first data
> processor transmitting</u> via the first antenna an encrypted data
> based in part on the first data for mutual authentication stored
> in the first storage and (2) <u>the second data processor receiving</u>
> via the second antenna and decrypting the encrypted data ...
> (Emphasis Added)

Although not identical to claim 2, claim 4 includes a similar recitation.

Tsuji et al. disclose, in Fig. 1, a remote control system including transmitter 1 and receiver 2. Transmitter 1 includes microprocessor 11 which enciphers a rolling code and uses the enciphered rolling code to produce a transmission code. (Paragraphs [0037-0041] and [0053]). Receiver 2 receives the transmission code from transmitter 1 and deciphers the enciphered rolling code (Paragraphs [0042-0044]).

Tsuji et al, however, do not disclose or suggest a) first and second data processors authenticating each other by the <u>first data processor transmitting</u> an

encrypted data based in part on first data from mutual authentication and the second data processor receiving and decrypting the decrypted data (claims 1-4) and b) the second data processor transmitting the stored data for mutual authentication via the second antenna (claims 1 and 3) or the second data for mutual authentication being stored in a second storage connected with the first data processor where the second data is received from the second data processor (claims 2 and 4) (emphasis added). In other words, claims 1-4 recite that the immobilizer unit and the portable unit are transceivers and are capable of conducting bi-directional communication with each other. Tsuji et al. do not disclose or suggest that receiver 2 and transmitter 1 are transceivers. Accordingly, transmitter 1 and receiver 2 of Tsuji et al. are not capable of bi-directional communication with each other. Thus, Tsuji et al. do not include all of the features of claims 1-4. Accordingly, allowance of claims 1-4 is respectfully requested.
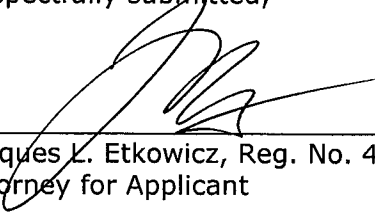
Claims 5-24 include all of the features of respective claims 1-4 from which they depend. Accordingly, claims 5-24 are also patentable over the cited art for at least the same reasons as respective claims 1-4.

In view of the amendments and arguments set forth above, the above-identified application is in condition for allowance, which action is respectfully requested.

Respectfully submitted,

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